

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
TH2458-02 (US)APPLICATION NUMBER
10/816,543LIST OF INFORMATION PROVIDED
BY APPLICANT
(Use several sheets if necessary)APPLICANT
Marek Matusz et alFILING DATE
April 1, 2004GROUP ART UNIT
1725

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initials	Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA 3,972,829	8/76	Michalko	252	430	
	AB 4,005,049	1/77	Fields	252	467	
	AC 4,908,343	3/90	Bhasin	502	218	
	AD 4,797,270	1/89	Cendan et al	423	625	
	AE 4,361,504	11/82	Solomon et al	252	463	
	AF 4,366,092	12/82	Winterton	252	476	
	AG 4,367,167	1/83	Lee et al	252	472	
	AH 4,810,689	3/89	Hayden	502	347	
	AI 4,186,106	1/80	Rebsdat et al	252	414	
	AJ 4,125,480	11/78	Maxwell	252	414	
	AK 4,886,917	12/89	Knopf et al	568	623	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes	Translation No
	AL	96/23585	8/96	WO	B01J	23/66		
	AM	96/41848	12/96	WO	C10G	45/08		
	AN	56164013	1980	Japan (Abstract)	C01F	7/02		
	AO	56105750	8/81	Japan (Abstract)	B01J	23/66		

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

AR	International Search Report of PCT/US2004/14088 dated August 11, 2004 (TH2458 PCT).
AS	Written Opinion of PCT/US2004/14088 (TH2458 PCT).
AT	International Preliminary Report on Patentability of PCT/US2004/14088 (TH2458 PCT).

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Examiner Initial	Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate	
BA	5.057.481	10/91	Bhasin	502	208		
BB	2,901,441	8/59	Waterman	252	463		
BC	5,734,068	3/98	Klopries et al	549	536		
BD	5,668,077	9/97	Klopries et al	502	347		
BE	4,874,739	10/89	Boxhoorn	502	218		
BF	4,916,243	4/90	Bhasin et al	549	534		
BG	5,387,751	2/95	Hayden et al	549	534		
BH	5,447,897	9/95	Kemp	502	303		
BI	5,486,628	1/95	Kemp	549	536		
BJ	5,545,603	8/96	Kemp	502	347		
BK	5,663,385	9/97	Kemp	549	536		

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	Document No.	Date	Country	Class	Subclass	Translation Yes	Translation No
BL	211521 A1	2/87	EP	B01J	23/66		
BM	0937498 A1	8/99	EP	B01J	23/66		
BN	563 414 A1	10/93	EP	B01J	23/52		
BO	568,978 A1	11/93	EP	G01G	19/56		

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

BR	International Search Report of PCT/US2004/14087 dated September 23, 2004 (TH2306 PCT).
BS	Written Opinion of PCT/US2004/14087 (TH2306 PCT).
BT	International Preliminary Report on Patentability of PCT/US2004/14087 (TH2306 PCT).

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Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	CA	5,055,442	10/91	Osaka et al	502	439	
	CB	5,037,794	8/91	Magistro	502	355	
	CC	4,994,588	2/91	Kapicak et al	549	534	
	CD	4,994,589	2/91	Notermann	549	534	
	CE	5,112,795	5/92	Minahan et al	502	524	
	CF	5,380,697	1/95	Matusz et al	502	348	
	CG	4,797,279	1/89	Karamata et al	424	93	
	CH	5,374,748	12/94	Rizkalla	549	534	
	CI	4,361,500	11/82	Mathe et al	252	430	
	CJ	3,895,093	07/75	Weidenbach et al	423	213.5	
	CK	4,235,798	11/80	Bartley et al.	260	449	

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		Document No.	Date	Country	Class	Subclass	Translation Yes No
	CL	2,005,978	10/69	France (abstract)	G08C	13/02	
	CM	716,884 A2	06/96	EP	B01J	23/66	
	CN	1,277,698 A2	01/03	EP	C01B	3/38	
	CO						

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	CR	Fulton, J. W., "Selecting the Catalyst Configuration", Chemical Engineering, May 12, 1986, p. 97-101.
	CS	International Search Report of PCT/US2005/010996 dated July 29, 2005 (TH2541 PCT).
	CT	Written Opinion of PCT/US2004/14087 (TH2541 PCT).

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Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	DA	4,244,889	01/81	Bartley et al.	564	132	
	DB	4,356,312	10/82	Nieslen et al.	549	534	
	DC	4,368,144	01/83	Mitsuhata et al.	252	463	
	DD	4,379,134	04/83	Weber et al.	423	626	
	DE	4,420,420	12/83	Mita et al.	502	261	
	DF	4,628,129	12/86	Bartley	568	864	
	DG	4,665,048	05/87	Van Leeuwen et al.	502	221	
	DH	5,935,894	08/99	Kanazirev	502	341	
	DI	6,103,916	08/00	Takada et al	549	534	
	DJ	6,281,160	08/01	Basset et al	502	332	
	DK	4,361,503	11/82	Dwyer et al.	252	455	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes <input type="checkbox"/> No <input type="checkbox"/>
	DL						
	DM						
	DN						
	DO						

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	DR	
	DS	
	DT	

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Examiner Initial	Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
EA	2,424,083	07/47	Finch et al.	252	204	
EB	4,382,149	05/83	Krueger	568	473	
EC	3,997,476	12/76	Cull	252	463	
ED	4,532,231	7/85	Johnson	502	347	
EE	4,511,671	4/85	Saito et al	502	242	
EF	4,645,754	2/87	Tamura et al	502	527	
EG	4,656,157	4/87	Hofmann et al	502	439	
EH	2002/0010378	1/02	Kakimoto et al	568	867	
EI	4,366,093	12/82	Shiozaki et al	252	477	
EJ	6,325,919	12/01	Koyama et al	208	134	
EK	5,100,859	3/92	Gerdes et al	502	439	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes	No
	EL							
	EM							
	EN							
	EO							

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

ER	
ES	
ET	

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FA	4,033,903	7/77	Maxwell	252	476	
FB						
FC						
FD						
FE						
FF						
FG						
FH						
FI						
FJ						
FK						

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Subclass	Translation
						Yes
FL						
FM						
FN						
FO						

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

FR	
FS	
FT	

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